



Shift to Bio-circular

Ecotan is an innovative technology developed by Silvateam to produce a new kind of leather that has excellent performance standards, is safe for all and is a truly circular material.

Tanned with natural tannins, Ecotan leathers are free of hazardous substances, creating a naturally healthy environment for the end user. At the end of their useful life, they can be recycled into fertilizers for organic agriculture.



It's time for something different that's better for us and the planet.

Today consumers rank sustainability as a key factor when buying most products by giving preference to items that are harmless, durable and reusable. **Silvateam has devised Ecotan, a groundbreaking solution for brands looking to meet this new challenge.**

This technology allows leather to join the **cradle-to-cradle process**:



Birth

The backbone of Ecotan formulations is a perfect combination of:

- 1 Natural tannins which are:
 - Grown, harvested and processed sustainably (PEFC Certified).
 - Low impact substances (LCA study).
 - Produced to food grade standards at an early stage.
- 2 Man-made additives which are:
 - The result of our expertise and ingenuity.
 - 100% harmless to humans and the environment.



Life

This nature-based approach is what makes Ecotan leather:

- 1 Expressive, comfortable and long lasting.
- 2 High performing as any chrome and glutaraldehyde tanned material.
- 3 Safe, green and clean.
- 4 Breathable and healthy.



Next Life

At the end of its life, Ecotan leather:

- 1 Becomes a superior organic fertilizer as useful nutrients for growing plants.
- 2 Is redirected back to nature closing the loop which had started with the animal skin. A truly bio-circular, endlessly reusable material.

Over 20 of the top tanneries in the world have joined the Ecotan project.

They are ready to **supply finished bio-circular leathers** on almost every raw material from different origins, in a wide range of colors, for immediate adoption in the market.



This new frontier in sustainable leather solutions comes as a result of **a decade of continuous innovation** conducted at Silvateam Research & Development centers as well as through strong partnerships with prestigious universities, research institutes, tanneries and recycling companies.

For those interested in learning more, Silvateam offers scientific studies, third-party reports and certifications that verify and support our work.

The documentation is available upon request.

ecotanleather.com

A project by **SILVATEAM**